

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An inkjet printing mechanism comprising:
a media support which supports print media in a printzone;
a bi-fureated first carriage which scans an inkjet printhead across a print surface of the said print media in the printzone, wherein the first carriage supports a first portion of a heating element proximal to the printhead that scans the print surface with the printhead; a first portion of said carriage located on a first side of said media when in said printzone, a second portion of said carriage located on a second side of said media when in said printzone;
and
a bifureated heating element support by the carriage a first portion of said heating element being carried by said first portion of said carriage, a second portion of said heating element being carried by said second portion of said carriage, said first and second heating elements being maintained in face-to-face relation across said printzone; a second portion of the heating element carried by a second carriage across a backing surface of said print media, wherein the second portion of the heating element scans the backing surface of said print media in synchronous alignment to the first portion of the heating element.
2. (Original) An inkjet printing mechanism according to claim 1 wherein said heating element comprises a microwave heating element.
3. (Original) An inkjet printing mechanism according to claim 2 wherein said microwave heating element includes a bifurcated waveguide spanning said first portion and said second portion of said heating element and defining a heat zone therebetween.

4. (Original) An inkjet printing mechanism according to claims 3 wherein said heat zone scans synchronously with said carriage.
5. (Original) An inkjet printing mechanism according to claim 1 wherein said heating element comprises a radio frequency heating element.
6. (Previously Presented) An inkjet printing mechanism according to claim 5 wherein said radio frequency heating element includes as said first portion first electrode and as said second portion second electrodes, a heat zone being positioned therebetween.
7. (Original) An inkjet printing mechanism according to claim 6 wherein said heat zone scans synchronously with said carriage.
8. (Original) An inkjet printing mechanism according to claim 1 further including a stationary blower producing an airflow directed at media when in the printzone.
9. (Original) An inkjet printing mechanism according to claim 1 wherein said heating element comprises a radio frequency applicator.
10. (Original) An inkjet printing mechanism according to claim 1 wherein said heating element comprises a microwave applicator.
11. (Original) An inkjet printing mechanism according to claim 1 wherein said printhead directs ink droplets into said printzone and onto said media, and said heating element creates a heat zone at a surface of said media.
12. (Canceled)
13. (Previously Presented) An inkjet printing mechanism according to claim 1 wherein said first and second heating element portions define a gap therebetween, said gap comprising a heat zone generated by said heating element.

14. (Currently Amended) An inkjet printing mechanism comprising:
a printzone;
a first carriage opposing a print surface of print media in the printzone
~~located on a first side of said printzone~~, said first carriage supporting an inkjet
printhead and a first heating element portion that scan across the print surface; and
a second carriage opposing a backing surface of print media in the printzone
~~located on a second side of said printzone~~, said second carriage holding a second
heater element portion, said first and second heater element portions forming a
heater element ~~and being maintained in face-to-face opposition~~ that synchronously
scans with said first and second heater element portions in alignment across said
printzone.
15. (Currently Amended) An inkjet printing mechanism according to claim 14
wherein the print media in the printzone has the [[a]] print surface exposed to the
printhead to receive ink therefrom, and has the backing ~~an opposing~~ surface opposite
the print surface.
16. (Canceled)
17. (Original) An inkjet printing mechanism according to claim 14 wherein said
inkjet printhead projects ink droplets into said printzone as print imaging on media
when in said printzone, said print imaging receiving heat energy from said heater
element.
18. (Original) An inkjet printing mechanism according to claim 14 wherein said
first heater element portion comprises a microwave energy source and a first portion
of a waveguide;
said second heater element portion comprises a microwave load and a second
portion of a waveguide;
said first and second waveguide portions together forming a waveguide
directing microwave energy from said source to said load; and
said printzone occupies space between said first portion of said waveguide
and said second portion of said waveguide.

19. (Original) An inkjet printing mechanism according to claim 14 wherein said first and second heater element portions cooperatively form a microwave applicator.
20. (Original) An inkjet printing mechanism according to claim 14 wherein said printing mechanism synchronously scans said first carriage and said second carriage to maintain a selected alignment therebetween.
21. (Original) An inkjet printing mechanism according to claim 20 wherein said heating element is a microwave heating element, with at least one of said first carriage and said second carriage holding a microwave load and the other one of said first carriage and said second carriage supporting a microwave source.
22. (Currently Amended) A method of applying print imaging by ink droplet deposition on media and drying said print imaging, the method comprising the steps:
 reciprocating a first carriage across a print surface of media in a printzone;
 projecting from said first carriage ink droplets as said print imaging;
 projecting from a first heating element on said first carriage radiant energy applied as heat energy to said media; and
 synchronously scanning a second carriage across a backing surface of media relative to said first carriage, said second carriage holding a second heater element in cooperative alignment with said first heater element to ~~generate and~~ apply said heat energy to said media, ~~said first and second carriages being maintained in face-to-face relation with~~ said media interposed therebetween.
23. (Canceled)
24. (Previously Presented) A method according to claim 22 wherein said first and second heater elements comprise a microwave heater.
25. (Previously Presented) A method according to claim 22 wherein said first and second heater elements comprise an RF heater.

26. (Previously Presented) A method according to claim 22 further comprising controllably advancing media in a feed direction through said printzone.
27. (Canceled)
28. (Canceled)
29. (Canceled)
30. (Canceled)
31. (Currently Amended) A printing method, comprising:
applying ink having an evaporatable component to a print media; and
thereafter, moving a heat zone across said media to accelerate evaporation of said evaporatable component, said heat zone being generated by cooperative first and second heating elements moving synchronously in alignment and relative to on opposite sides of said print media ~~and cooperative to produce said heat zone, said first and second heating elements being maintained in face-to-face relation with said print media and~~ interposed therebetween.
32. (Previously Presented) A method according to claim 31 wherein said moving comprises scanning said first and second heating elements across said print media.
33. (Previously Presented) A method according to claim 31 wherein said applying comprises scanning a printhead across said media.
34. (Previously Presented) A method according to claim 31 further comprising generating said heat zone using microwave heating produced cooperative by said first and second heating elements.
35. (Canceled)

36. (Previously Presented) A method according to claim 31 further comprising generating said heat zone from RF heating produced cooperative by said first and second heating elements.

37. (Previously Presented) A method according to claim 31 further comprising advancing said media through said printzone between each of a series of said applying and said moving.

38. (Currently Amended) An inkjet printing mechanism comprising:
means for reciprocating a carriage relative to a printzone;
printing means for applying print imaging to media in said printzone and supported by said carriage means; and
means for applying heat energy to said media and supported by said carriage means, said means for applying heat energy ~~being bifurcated and including~~ cooperative first and second heater elements, said first heater element being positioned opposing a print surface at a first side of said media and said second heater element ~~being maintained in face-to-face opposition~~ opposing a backing surface of said media and scanning in synchronous alignment with said first heater element ~~therewith at a second side of said media.~~

39. (Original) An inkjet printing mechanism according to claim 38 wherein said means for applying heat energy comprises a microwave energy source.

40. (Original) An inkjet printing mechanism according to claim 38 wherein said means for applying heat energy comprises an RF energy source.

41. (Original) An inkjet printing mechanism according to claim 38 wherein said printing means comprises an inkjet printing device projecting ink droplets therefrom.

42. (Currently Amended) An inkjet printing mechanism comprising:
a reciprocating printing device projecting ink droplets therefrom along a print swath, said print swath having print swath height; and
a reciprocating ~~bifurcated~~ heating element projecting energy therefrom and applied as heat energy to media adjacent thereto along a heat swath height, said heat

heat swath height being greater than said print swath height whereby print imaging produced by said ink droplets receives said heat energy through ~~at least~~ a first and second ~~reciprocation portion~~ portion of said heating element moving synchronously in alignment on opposite sides of said media. ~~; said bifurcated heating element including a first portion maintained at a first side of said print swath and a second portion maintained at a second side of said print swath in face-to-face opposition to said first portion.~~